



User's Newsletter

TI LOGO Attracts New Fans

Eighty children in the Dallas, Texas area recently completed a 10-hour seminar learning to use TI LOGO with the TI Home Computer. The youngsters, ranging in age from 8 to 12, participated in five two-hour sessions at Mohawk Elementary School in Richardson, Texas.

TI LOGO was developed by Texas Instruments in conjunction with the staff of the Artificial Intelligence Laboratory of the Massachusetts Institute of Technology (MIT). LOGO lets students communicate with the computer using an easy-to-understand language. TI LOGO is the first implementation of LOGO on a microcomputer system — the TI Home Computer.

The design of the TI LOGO language and the messages it gives encourage a child to interact freely with the computer. By the second day of the seminar, the children were doing just that — they were writing their own procedures!

The TI LOGO package consists of the TI LOGO Solid State Software™ Command Module and a 92-page User's Manual. To use TI LOGO, a TI Memory Expansion unit must be attached to the Texas Instruments Home Computer. To save procedures or shapes for further reference, the TI Disk Memory System or a cassette recorder and TI Interface Cable are required.

Suggested retail price for TI LOGO (model number PHM 3040) is \$299.95. See your local dealer for availability in your area.



Shown here are two of the eighty Dallas, Texas area children who participated in a recent 10-hour seminar learning to use TI LOGO with the TI Home Computer.

Young People's LOGO Association

The popularity of TI LOGO is evidenced through the formation of the Young Peoples' LOGO Association (YPLA), headquartered in Richardson, Texas. The concept of YPLA is youngsters talking to other youngsters around the country about computers. The environment in which they discover the fun and excitement of micro-electronics technology is created by TI LOGO and the TI Home Computer.

One function of the YPLA is the publication of newsletters — one for young people and one for parents and teachers. YPLA is also involved with effectively helping the handicapped through the use of the unique color, graphics, sound, and speech features of the TI Home Computer.

Another ambitious project is a software exchange for both TI LOGO procedures and other programs written in TI BASIC and TI Extended BASIC. YPLA is working on this undertaking in conjunction with the National 99/4 Home Computer Users' Group in Oklahoma City.

The Young Peoples' LOGO Association is an independent, non-profit organization. Membership is free for anyone 18 years of age or younger. An adult membership is \$15.00 per year.

For further information on this new organization, write to Young People's LOGO Association, 1208 Hillsdale Drive, Richardson, Texas 75081.

Business/Professional Software

NAME	MEDIA	SOURCE	NAME	MEDIA	SOURCE
2X2 MATRIX	C	DATA SYSTEMS	INVENTORY MANAGEMENT	D	TI
3X3 MATRIX	C	DATA SYSTEMS	INVOICE MANAGEMENT	D	TI
ACCELERATION	C	DATA SYSTEMS	LINEAR REGRESSION	C	USERS GROUP
ACCOUNTS PAYABLE	D	W. R. WILSON	LOGG	C	USERS GROUP
ACCOUNTS RECEIVABLE	D	W. R. WILSON	MAILING LIST	C	PAUL YATES
advоСAlte AUTHORIZING	D	eduCAltor	MATH ROUTINE LIBRARY	D/C	TI
ALPHA SORT	C	USERS GROUP	NAVAL ARCHITECTURE	D/C	LETCHER OFFSHORE
BLACK BOOK	C	DENALI DATA	NUMBER CONVERT	C	USERS GROUP
BUSINESS DATA BASE	D	CHARLES MANN	ORDER ENTRY	C	PAUL YATES
C.P.M.	C	USERS GROUP	P.E.R.T.	C	USERS GROUP
CALENDAR	C	USERS GROUP	PAYROLL I	D	CHARLES MANN
CASH MANAGEMENT	D	TI	PROFITMIX	C	USERS GROUP
CHISQUARE	C	USERS GROUP	PROSPECTIVE PLOTTING	D/C	LETCHER OFFSHORE
CIRCLE 3 PT.	C	DATA SYSTEMS	QUADRATIC	C	DATA SYSTEMS
CONVERSIONS	C	USERS GROUP	SALES	C	PAUL YATES
CONVERT	C	USERS GROUP	SANDWICH SHOP	C	USERS GROUP
DAY	C	USERS GROUP	SEED SALES	D	AGR. COMP. SYS.
DECISIONS	C	USERS GROUP	SIGMA	C	DATA SYSTEMS
DEDUCTIONS	C	USERS GROUP	SORTS	C	USERS GROUP
DERIVATIVE	C	DATA SYSTEMS	STATEMENT	C	USERS GROUP
DERIVATIVE OF FUNCTION	C	USERS GROUP	STATISTICS	CM	TI
ELEC ENGR LIBRARY	D/C	TI	STRUCTURAL ENGINEERING		
FACTORIAL	C	USERS GROUP	LIBRARY	D/C	TI
FLYER PROGRAM	C	DENALI DATA	SWINE MANAGEMENT I	D	AGR. COMP. SYS.
FREEFALL	C	DATA SYSTEMS	SWINE MANAGEMENT II	D	AGR. COMP. SYS.
FUZZY DECISION MAKING	C	USERS GROUP	TEXT EDITOR	D/C	LETCHER OFFSHORE
GENERAL LEDGER	D	EHNINGER	THE FINANCIAL PARTNER	D	DENVER SOFTWARE
GENERAL LEDGER	D	W. R. WILSON	THE PROJECT BOSS	D	CHARLES MANN
GRADING SYSTEM	C	USERS GROUP	TI-COUNT/GEN. LEDGER	D	PIKE CREEK COMP.
HAM FILE	C	USERS GROUP	TI-COUNT/MAIL	D	PIKE CREEK COMP.
HYDROCARBON	C	DATA SYSTEMS	TI-COUNT/ACCOUNTS		
HYPERBOLIC	C	DATA SYSTEMS	PAYABLE	D	PIKE CREEK COMP.
INVENTORY	C	PAUL YATES	VECTOR * PRODUCT	C	DATA SYSTEMS
INVENTORY	D	W. R. WILSON	VECTOR X PRODUCT	C	DATA SYSTEMS

MEDIA: D = Diskette, C = Cassette, CM = Command Module

Third Party Software Sources

Agricultural Computer Systems, Inc.

2346 S. Lynhurst Drive, Suite 1303
Indianapolis, IN 46241
(317) 247-4474

Data Systems

2214 West Iowa
Chicago, IL 60622
(312) 235-2699

Denali Data

c/o 99/4 Home Computer Users' Group,
Inc.
P.O. Box 95148
Oklahoma City, OK 73143
(405) 787-8521

Denver Software Company

36 Steele St., Suite 19
Denver, CO 80206

eduCAltor Incorporated

Micmain Street
Hudson, MA 01749
(617) 562-6222

Ehninger Associates, Inc.

Futura Software
408 Flaxseed Lane
Ft. Worth, TX 76108
(817) 246-6536

Letcher Offshore Design

P.O. Box 104
Southwest Harbor, ME 04679
(207) 244-7347

Charles Mann and Associates

Micro Software Division
7594 Sen Remo Trail
Yucca Valley, CA 92284
(714) 365-9718

Pike Creek Computers, Inc.

2 Galaxy Drive
Newark, DE 19711
(302) 239-5113

99/4 Home Computer Users' Group, Inc.

P.O. Box 95148
Oklahoma City, OK 73143
(405) 787-8521

W. R. Wilson Inc.

928 N. Apple St.
Greenfield, IN 46140
(317) 462-1099

Paul Yates Computer Services

4037 Johnson Drive
Oceanside, CA 92054
(714) 758-1633

The Personal Computer User's Newsletter is published by the Texas Instruments Personal Computer Division, P.O. Box 53, Lubbock, Texas 79408. All correspondence concerning this newsletter should be mailed to the above address.

Non-TI products are listed in this newsletter for your information. Their inclusion does not represent an endorsement by TI, and lists are not necessarily complete.

Newest Software Packages from TI

Texas Instruments now adds three more software packages to the growing list of applications programs available for the TI-99/4 and TI-99/4A Home Computers.

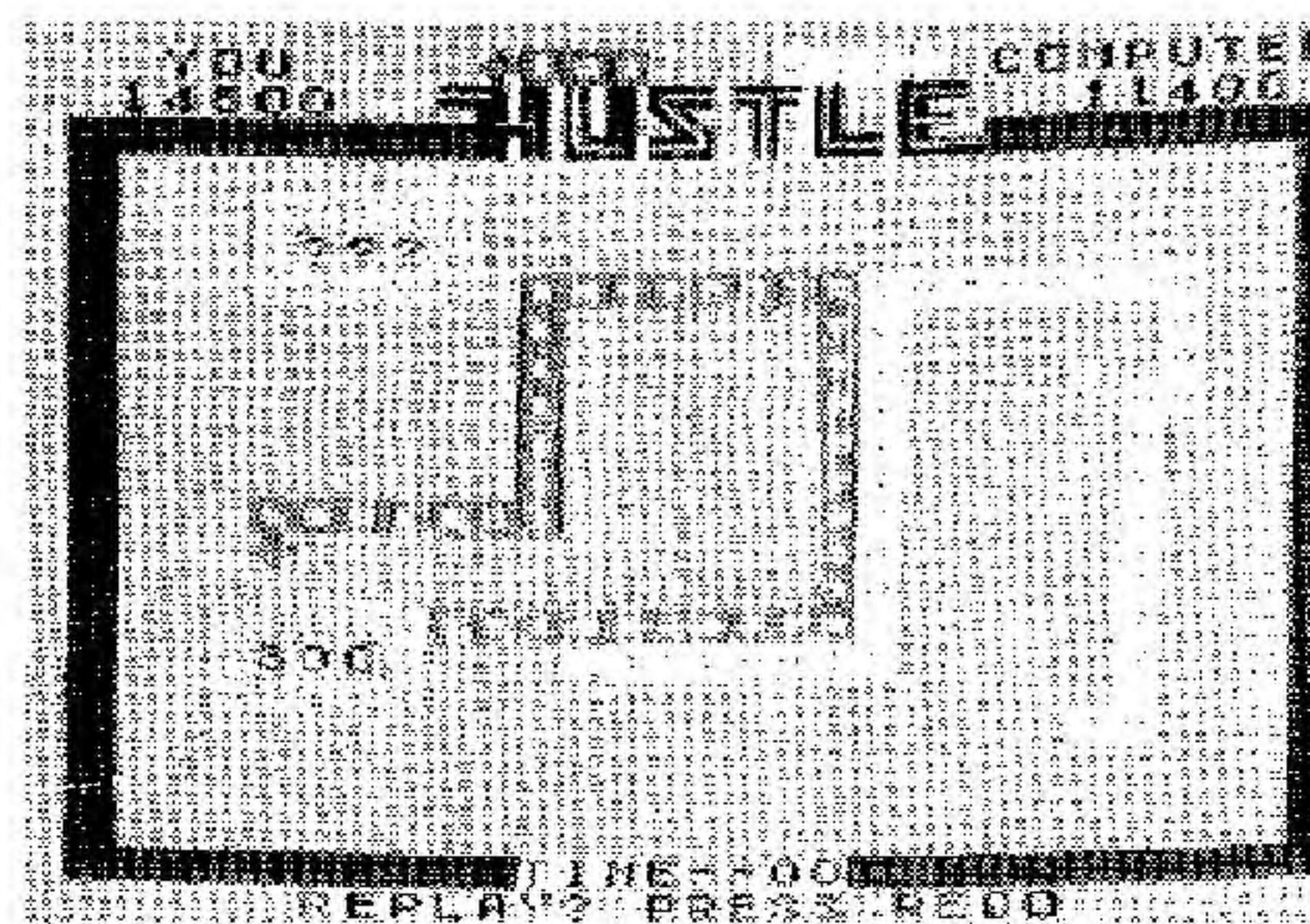
Hustle*

Hustle* is a fast-action, one or two player game requiring lightning fast hand-eye coordination and quick thinking! You score points by outmaneuvering your opponent or the computer. The games in the Hustle Solid State Software™ Command Module challenge your ability to make split-second decisions while maneuvering a "snake" on the playing area.

Each game is available in three skill levels, increasing the challenge and fun of TI's newest entertainment package. The Hustle Command Module (model number PHM 3034) is available at a suggested retail price of \$24.95. Wired Remote Controllers are optional.

Invoice Management

You can bring speed, accuracy, and detail to your invoicing system with this new TI package. Seven easy-to-use programs allow you to customize files for your company, including methods and terms of payment; enter customer and inventory data;



Hustle*, TI's newest entertainment package, requires lightning fast hand-eye coordination and quick thinking. Try to outmaneuver an opponent or the computer!

write and print your invoices; delete unwanted records; convert your data to a format readable by the Personal Record Keeping or Statistics Command Module; and convert back into a format readable by the Invoice Management package.

The Invoice Management package is available on diskette only (model number PHD 5027) at a suggested retail price of \$69.95. Designed to work with the Inventory Management package, it requires the TI Disk Memory System (TI Disk Drive Controller and TI Disk Memory Drive), the RS232 Interface and an 80-column RS232C-compatible printer, and either the TI Personal Record Keeping or Statistics Command Module.

Electrical Engineering Library

The Electrical Engineering Library package features four commonly used design calculation programs. The Filter Design program, computes the necessary component values that yield the required performance parameters for various filters. The Phase-Locked Loop Design program computes the design parameters for basic phase-locked loops. The Root Locus Calculations program performs the calculations required to describe a linear system when using the root-locus method. The Smith Chart Calculations program allows you to perform various transmission-line calculations equivalent to the graphical constructions on the Smith Chart.

This package is available on diskette at a suggested retail price of \$29.95 or on cassette at a suggested retail price of \$24.95. The diskette version (model number PHD 5008) requires the TI Disk Memory System (TI Disk Drive Controller and TI Disk Memory Drive.) The cassette-based version (model number PHT 6008) requires a cassette recorder and the TI Cassette Interface Cable.

*a trademark of Milton Bradley Company

TI Home Computer Users' Groups Now Span the Globe

Two additional TI Home Computer Users' Groups are now active in the United States with two more Users' Groups being organized in Australia. The rapid growth of Users' Groups reflects the increasing interest in the TI Home Computer and its innovative and versatile technology.

These Users' Groups and others around the world are exceedingly helpful to those interested in sharing technical information, keeping up-to-date on new hardware and

software, and exchanging thoughts and ideas.

The new active Users' Groups are:

Albany, New York

Upstate New York 99/4 Users' Group
Paul A. Amodeo, Jr.
7 Steve Lane
Albany, New York 12205

Midland, Texas

West Texas 99/4 Users' Group
Richard Biddle
P.O. Box 6448, MS 3030
Midland, Texas 79701

Those Users' Groups being formed in Australia are:

Sydney, Australia

Sydney, Australia 99/4 Users' Group
Shane Anderson
P.O. Box 101
Kings Croft, Australia 2011

Western Australia

Perth, Western Australia 99/4 Users' Group
Kevin Newham
26A-49 Hedsman PD
Wembly, Western Australia 6014

For a complete list of Users' Groups, call Texas Instruments Consumer Relations toll-free 1-800-858-4565 (outside of Texas) or 1-800-692-4279 (within Texas).

TI Home Computer Scores Points at Football/Basketball Clinics

The diversified capabilities of the TI Home Computer were demonstrated recently at two national football/basketball clinics sponsored by Hydra Gym Athletics, Inc. under the direction of Bill Ivey. The first clinic, held in Gatlinburg, Tennessee, attracted over 150 coaches, while the second one held in Jackson Hole, Wyoming, was attended by over 300 coaches.

A group of football and basketball experts provided an opportunity for junior high and high school coaches to learn the techniques, strategies, and other aspects of the coaching profession. The coaches also received a first-hand look at some of the new techniques being used in the area of computerized scouting on the TI Home Computer.

TI demonstrated their Basketball Statistician software package for the TI Home Computer to the basketball coaches. The package allows a coach to track 11 statistics for each of the 16 players for a 40-game season. This diskette-based package will be available in the fourth quarter of this year.

For the football coaches, Super Scout Services of Knoxville, Tennessee, reviewed a unique software package for the TI Home Computer that helps coaches develop important tendency reports, not only on their own team, but on their opponents as well. Several college football coaches, who currently use similar computing techniques on their large computers, were impressed with the quality of this package operating on the TI microcomputer.

Besides participating in the show, Texas Instruments gave away a computer system at each clinic. This drawing gave the coaches an opportunity to win a computer for their school. The following individuals were the winners at the two drawings: Gatlinburg—Mike Brown, Goodlettsville Jr. High, Hendersonville, Tennessee; Jackson Hole—Dudley Butts, Jamestown High School, Jamestown, North Dakota.

The clinics were a tremendous success and plans are being made to continue to support the growing interest of such programs in the future.

Random Bits

TEXNETSM Subscription Service "Early Bird Bonus"

Source Telecomputing Corporation has just announced a special offer for "early bird" TEXNETSM subscribers. The first TEXNET subscribers will be identified by the earliest TEXNET account numbers. Plus, if you apply for a subscription before December 31, 1981, you will receive a documented TEXNET Charter Subscriber Certificate.

Call "The SourceSM" Information Utility toll free at 1-800-336-3330 for further information.

SMThe Source is a servicemark of Source Telecomputing Corporation, a subsidiary of the Reader's Digest Association, Inc.

SMTEXNET is a servicemark of Texas Instruments Incorporated.

© 1981 Texas Instruments Incorporated

Invoice Management Correction

If you have purchased the TI Invoice Management package and you are using it with the TI Inventory Management package, list the program to see if the date is 5/6/81. If this is the date, the following information is for you. (This correction does not apply to the use of the Invoice Management package when used by itself.)

With the present package, you can only access the first item in your inventory stock file. The problem can be fixed by loading the program into memory and then adding the following six statements to the "INIT" program in the Invoice Management package. (See instructions for editing a program in the TI Disk Memory System Owner's Manual.)

```
635 NP = 900  
637 GOTO 770  
2180 IF SYS = 2 THEN 2265  
2260 IF X$<>'Y' THEN 2240  
2265 MAXA = 900  
2270 GOTO 1400
```

If you have already set up your customer file in the invoice management package and you run into this problem, you can solve it (without having to recreate your customer file) as follows:

- Add the above lines to the "INIT" program in Invoice Management.
- Run the "INIT" program and select Option 2 for "Change Invoice Information." Then select Option 4 (Last Invoice Number, etc.). Press ENTER to go through all of the items shown on the display.
- You should now be able to write invoices using the "System 2" option.

*Texas Instruments invented the integrated circuit,
the microprocessor, and the microcomputer.
Being first is our tradition.*